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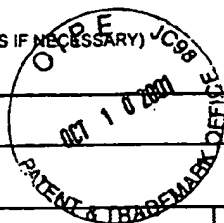
APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/852.155	05/09/2001	Peter T. McCarthy	NATURES.018A	3868
20995	7590	12/10/2004	EXAMINER	
KNOBBE MARTENS OLSON & BEAR LLP 2040 MAIN STREET FOURTEENTH FLOOR IRVINE, CA 92614			SWINEHART, EDWIN L	
			ART UNIT	PAPER NUMBER
			3617	

DATE MAILED: 12/10/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

*Requested copy attached.*

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. NATURES.018A	APPLICATION NO. 09/852,155
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (USE SEVERAL SHEETS IF NECESSARY)		APPLICANT Peter T. McCarthy	
		FILING DATE May 9, 2001	GROUP 3617



## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
ECG	5384	11/15/1883	Heathorn			
	5,384	12/4/1847	R.A. Tilghman			
	144,538	11/11,1873	Hansen			
	169,398	11/2/1875	O.G. Ahlstrom			
	234,305	05/28/25	Bovey			
	476,092	12/01/37	Valente			
	783,012	02/21/05	Biedermann et al.			
	787,291	unknown	Michiels			
	871,059	11/12/07	Douse			
	998,146	07/18/11	Alfier et al.			
	1,324,722	12/11/1917	William Bergin			
	1,607,857	5/27/1926	F. Zukal			
	1,684,714	08/12/27	Perry			
	2,241,305	02/27/39	Hill, Jr.			
	2,321,009	9/27/1940	O.P. Churchill			
	2,343,468		Messinger			
	2,423,571	07/08/47	Wilen			
	2,588,363	03/11/52	Corfieu			
	2,850,487	9/2/1958	Gaetano F. D'Alelio			
	2,865,033	12/23/1958	D.L. Jayet			
	2,889,583	8/9/1959	E.W. Lamb, et. al.			
	2,903,719	9/15/1959	J.L. Wozencraft			
	2,950,487	08/30/60	Woods			
	3,019,458	2/6/1962	E. De Barbieri, et. al.			
	3,055,025	9/25/1982	L. Ferraro, et. al.			
	3,082,442	1959	Cousteau, et al.			

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EXAMINER <b>ED SWINEHART</b>	DATE CONSIDERED <b>5/12/03</b>
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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
<i>ES</i>		3,084,355	04/09/63	Ciccotelli			
		3,086,492	04/23/63	Holley			
		3,112,503	12/3/1963	B.B. Girden			
		3,171,142		Auzols			
		3,239,857	3/15/1966	Frederick H. Gwynne			
		3,256,540		Novelli			
		3,411,165	11/19/68	Murdoch			
		3,422,470	01/21/69	Mares			
		3,453,981	07/08/69	Gause			
		3,491,997	01/27/70	Winters			
		3,665,535	5/30/1972	Picken			
		3,773,011	11/20/73	Gronier			
		3,922,741	12/02/75	Semela			
		3,934,290	01/27/78	Le Vasseur			
		4,007,506	2/15/1977	Rasmussen			
		4,025,977	5/31/1977	Cronin			
		4,083,071	04/11/78	Forjot			
		4,193,371	03/18/80	Baulard-Caugan			
		4,197,869	04/15/80	Moncrieff-Yeates			
		4,209,866	7/1/1980	Loeffler			
		4,342,558	08/03/82	Wilson			
		4,521,220	08/04/85	Schoofs			
		4,541,810	09/17/85	Wenzel			
		4,657,515	4/14/1987	Ciccotelli			
		4,689,029	8/25/1987	Ciccotelli			
		4,738,645	04/19/88	Garofalo			

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
ED	4,752,259	8/21/1988	Tackett, et al.			
	4,773,885	8/27/1988	Ciocotelli			
	4,775,343	10/4/1988	Lamont, et al.			
	4,781,837	11/01/88	Caires			
	4,820,218	04/11/89	Van de Pol			
	4,857,024	08/15/89	Evans			
	4,869,696	8/26/1989	Ciocotelli			
	4,895,537	1/23/1990	Ciocotelli			
	4,929,206	5/29/1990	Evans			
	4,934,971	06/19/90	Picken			
	4,940,437	07/10/90	Piatt			
	4,944,703	07/31/90	Mosier			
	4,954,111	08/04/90	Cressi			
	4,954,112	08/04/90	Negrini et al.			
	5,183,859	11/17/92	Beltrani, et al.			
	5,304,081	4/19/1994	Takizawa			
	5,324,219	06/28/94	Beltrani et al.			
	5,356,323	10/18/94	Evans			
	5,358,323	10/25/94	Ripley			
	5,368,439	10/25/1994	Paolo			
	5,387,145	2/7/1995	Wagner			
	5,417,599	05/23/95	Evans			
	5,429,538	7/4/1995	Evans			
	5,435,764	7/25/1995	Testa, et al.			
	5,443,593	8/22/1995	Garofalo			
	5,522,748	6/4/1998	Cressi			

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
ES	5,527,197	8/18/1998	Evans			
	5,533,918	7/9/1998	Sanders			
	5,595,518	1/21/1997	Ours			
	5,597,336	1/28/1997	Evans			
	5,748,631	5/5/1998	McCarthy			
	6,050,868	4/18/00	McCarthy			
	6,095,879	8/2000	McCarthy			
	6,126,503	10/3/00	Viale, et al.			
	Des. 278,165	3/28/1985	Evans			
	Des. 302,999	8/22/1989	McCredie			
	Des. 327,933	7/14/1992	Evans			
	Des. 327,934	7/14/1992	Evans			
	Des. 327,935	7/14/1992	Evans			
	Des. 328,118	7/21/1992	Evans			
	Des. 340,272	10/12/1993	Evans			
	Des. 353,181	12/8/1994	Evans			
	Des. 393,664	4/21/1998	Lin			
	Des. 396,897	8/11/1998	Evans			
	Des. 404,456	1/19/1999	Evans			

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## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
ES	1501208	Nov 1987	France				

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	APPLICANT Peter T. McCarthy		FILING DATE May 9, 2001	GROUP 3617

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FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
ES		DD 259 353 A	08/24/88	Germany				
		FR 2574 748 A	08/20/88	France				
		JP62 134395	08/17/87	Japan				
		SU 1323 483 A	03/13/86	Soviet Union				
		625377	09/19/61	Italy				
		0 308 998	03/29/89	Europe				
		DE 3438808	04/24/86	Germany				
		2 058 941	1971	France				
		2 213 072	1974	France				
		625377	09/19/61	ITALY (with Certified Translation)			X	
		1.245.395	9/26/60	FRANCE (with Certified Translation)			X	
		17,033	1890	England				
		787,291	1935	France				
		1,245,395	1960	France				
		553307	1956	Italy				
		61-6097	1988	Japan				
		1,075 997	1960	Germany				
		1,075 997	1960	Germany (with Certified Translation)			X	
		1,208,636	1959	France				

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EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
ES	Rossier, Robert N., entitled, "Moving Forward - Getting your best kick in the water can come from a combination of design, efficiency and hydrodynamics in fins". ALERT DIVER, Nov-Dec 1997, pages 26 - 28.
	Triantafyllou, Michael S. and Triantafyllou George S., entitled, "An Efficient Swimming Machine". SCIENTIFIC AMERICAN, March 1995, pages 64-70.
	"3302 of 1880" (Picture From Book-Found in US PTO)

EXAMINER	ED SWINEHART	DATE CONSIDERED	5/12/03
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Eog ↓	"Test Dive" Article in Jan/Feb 1998 Issue of <i>Sport Diver Magazine</i>
	"Oceanic V-Drive Fins" in May/Jun. 1998 Issue of <i>Sport Diver Magazine</i>
	Walton and Katz "Application of Leading-Edge Vortex Manipulations to Reduce Wing Rock Amplitudes" <i>Journal of Aircraft</i> Vol. 30, No. 4, pp. 555-559
	Traub and Nurick "Effects of Wing-Tip Vortex Flaps" <i>Journal of Aircraft</i> Vol. 30, No. 4, pp. 557-559
	Grantz and Marchman III "Trailing Edge Flap Influence on Leading Edge Vortex Flap Aerodynamics", <i>Journal of Aircraft</i> Vol. 20, No. 2, pp. 165-169
	Rao "An Exploratory Study of Area-Efficient Vortex Flap Concepts" <i>Journal of Aircraft</i> , Vol. 20, No. 12, pp. 1062-1067
	Lamar and Campbell "Vortex Flaps-Advanced Control Devices for Supercruise Fighters" Jan. 1984, <i>Aerospace America</i> .
	"BZ" bodysurfing fin (Picture), 1st production in 1990
	"Blade Pro" bodysurfing fin (Picture), 1st production 1991
	"Wave Rebel" bodysurfing fin (Picture), 1st production 1994
↓	Art. 1400 Pinna "Professional" Fin (1989)

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EXAMINER ED SWINEHART PRIMARY EXAMINER	DATE CONSIDERED 5/12/03
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May 9, 2001GROUP  
3617

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
cel	5,810,629	9/22/98	Parr			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
ges	2 543 841	April 5, 1983	France				
cel	1284765	Aug. 9, 1972	Great Britain				

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## U.S. PATENT DOCUMENTS

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689	6,148,224	11/14/00	McCarthy			

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## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
884	2 543,841	April 5, 1983	France (certified translation)			X	

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

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